

FORM PTO 1449 (modified)				ATTY DOCKET NO. 01262.001603	APPLICATION NO. 09/840,886		
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT JASON PETER ANDREW CHARLESWORTH ET AL.			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				FILING DATE April 25, 2001	GROUP 2641		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
							<i>RECEIVED APR 17 2002 Technology Center 2600</i>
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		99/25561	05/27/99	PCT			
		99/25562	05/27/99	PCT			
		99/25576	05/27/99	PCT			
		99/25574	05/27/99	PCT			
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>Hughes v/s</i>				DATE CONSIDERED <i>7/15/04</i>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

ATTY DOCKET NO.

01263.001603

APPLICATION NO.

09/840,886

APPLICANT

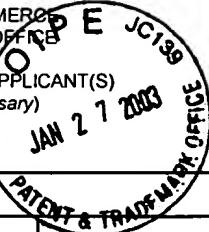
Jason Peter Andrew Charlesworth et al.

FILING DATE

April 25, 2001

GROUP

2641



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HJ	5,835,667	11/98	Wactlar et al.	386	96	RECEIVED JAN 28 2003
HJ	6,026,398	2/00	Brown et al.	707		Technology Center 2600
HJ	4,975,959	12/90	Benbassat	704	240	
HJ	5,131,043	7/92	Fujii et al.	704	236	
HJ	4,903,305	2/90	Gillick et al.	704	240	
HJ	5,390,278	2/95	Gupta et al.	379	88.01	
HJ	5,708,759	2/98	Kemeny	704	211	
HJ	5,752,227	5/95	Lyberg	704	231	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
HJ	0 649 144	7/94	Europe			
HJ	0 597 798	10/93	Europe			
HJ	0 689 153	5/95	Europe			
HJ	GB 2 302 199	1/97	United Kingdom			
HJ	GB 2 331 816	6/99	United Kingdom			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

HJ	Bahl et al., "A Method for the construction of acoustic Markov models for words," Oct. 1993, IEEE Transactions on Speech and Audio Processing, Vol. 1, Issue 4, pp. 443-452
HJ	Besling, S. et al. "A Statistical Approach To Multilingual Phonetic Transcription," Philips Journal of Research, Vol. 49, No. 4, 1995, pp. 367-379
HJ	Bird, Steven et al., "A Formal Framework for Linguistic Annotation," March 1999
HJ	Bird, Steven et al., "Towards A Formal Framework for Linguistic Annotations," Dec. 1998

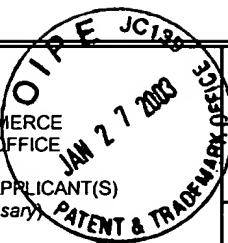
EXAMINER

Huey X 16

DATE CONSIDERED

7/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
01263.001603

APPLICATION NO.

09/840,886

APPLICANT

Jason Peter Andrew Charlesworth et al.

FILING DATE

April 25, 2001

GROUP

2641

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HV	4,985,924	1/91	Matsuura	704	239	RECEIVED JAN 28 2003
HV	5,684,925	11/97	Morin et al.	704	239	JAN 28 2003
HV	4,736,429	4/88	Miyada et al.	704	254	Technology Center 2600
HV	5,737,723	4/98	Riley et al.	704	243	
HV	5,333,275	7/94	Wheatley et al.	704	231	
HV	5,075,896	12/91	Wilcox et al.	382	225	
HV	6,243,680	6/01	Gupta et al.	704	258	
HV	5,873,061	2/99	Haeb-Umbach et al.	704	251	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
HV	GB 2 355 835	5/01	United Kingdom			
HV	GB 2 355 836	5/01	United Kingdom			
HV	GB 2 355 837	5/01	United Kingdom			
HV	WO 98/47084	10/98	WIPO			
HV	WO 99/05681	4/99	WIPO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

HV	Cassidy, S. & Harrington, J., "EMU: an Enhanced Hierarchical Speech Data Management System," Proc. Of the 6th Australian Speech Science and Technology Conference, 1996, pp. 381-386
HV	Foote, J., "Unconstrained Keyword Spotting Using Phone Lattices With Application To Spoken Document Retrieval," Computer Speech and Language, 11, 1997, pp. 207-224
HV	Gagnoulet et al., "Mairievox: A voice-activated information system," Speech Communication, Vol. 10, No. 1, 1991, pp. 23-31
HV	Haeb-Umbach et al., "Automatic Transcription of Unknown Words in a Speech Recognition System," IEEE, Vol. 1, 1995, pp. 840-843

EXAMINER

Hiller X/Vo

DATE CONSIDERED

7/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of next communication to applicant.

ATTY DOCKET NO.
01263.001603

APPLICATION NO.

09/840,886

APPLICANT

Jason Peter Andrew Charlesworth et al.

FILING DATE

April 25, 2001

GROUP

2641

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HV		6,182,039	1/01	Rigazio et al.	704	239	
HV		6,389,395	5/02	Ringland	704	242	RECEIVED
HV		5,983,177	11/99	Wu et al.	704	243	JAN 28 2003
HV		5,577,249	11/96	Califano	395	611	Technology Center 2600
HV		5799,267	8/98	Siegel	704	1	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
HV		WO 01/31627	5/01	WIPO			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

HV		Jokinen et al., "A Comparison of Approximate String Matching Algorithms," Software-Practice and Experience, 1996, Vol. 26, No. 12, pp. 1439-1458
HV		Kobayashi et al., "Matching Algorithms Between a Phonetic Lattice and Two Types of Templates - Lattice and Graph," IEEE, 1985, pp. 1597-1600
HV		Lee, Kai-Fu, "Automatic Speech Recognition," The Development of the SPHINX System, Kluwer Academic Publishers, pp. 28-29 (1989)
HV		Markowitz, "Using Speech Recognition," Prentice Hall, 1996, p. 221
HV		Micca, G. et al., "Three Dimensional DP for Phonetic Lattice Matching," Elsevier Science Publishers, 1987, pp. 547-551
HV		Ng, Kenny, "Survey of Approaches to Information Retrieval of Speech Messages," February 16, 1996, pp. 1-34
HV		Ng, Kenny, "Subword Unit Representations for Spoken Document Retrieval," Eurospeech, 1997
HV		Ng, Kenny, "Phonetic Recognition for Spoken Document Retrieval," ICASSP, 1998
HV		Srinivasan et al., "Phonetic confusion matrix based spoken document retrieval," Proceedings of the 23rd Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, July 24-28, 2000, pp. 81-87
HV		Wechsler et al., "Spoken Document Retrieval Based on Phoneme Recognition," 1998, pp. 1-121

EXAMINER

HV

X

VD

DATE CONSIDERED

7/15/04

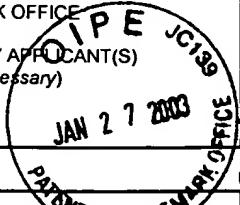
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy form with next communication to applicant.

ATTY DOCKET NO.

01263.001603

APPLICATION NO.

09/840,886

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

APPLICANT

Jason Peter Andrew Charlesworth et al.

FILING DATE

April 25, 2001

GROUP

2641

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
							RECEIVED JAN 28 2003

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

HV		Witbrock & Hauptmann, A.G., "Using Words and Phonetic Strings for Efficient Information Retrieval from Imperfectly Transcribed Spoken Documents," Proceedings of the 1997 2nd International Conference on Digital Libraries, July 1997, pp. 30-35
HV		Wold et al., "Content-Based Classification, Search, and Retrieval of Audio," IEEE Multimedia, Vol. 3, No. 3, 1996, pp. 27-36
HV		Wright, J. et al., "Statistical Models for Topic Identification Using Phoneme Substrings," IEEE, 1996, pp. 307-310
HV		"Maximum Entropy and Bayesian Methods," Cambridge, England, 1988, Proceedings of the Eighth Maximum Entropy Workshop, John Skilling (editor), published by Kluwer Academic Publishers, pp. 45-52
HV		Schmid, Phillip et al., "Automatically Generated Word Pronunciations from Phoneme Classifier Output," Statistical Signal and Array Processing, Minneapolis, April 27-30, 1993, ICASSP, Vol. 4, pp. 223-226
HV		"Template Averaging for Adapting a Dynamic Time Warping Speech Recognizer," IBM Technical Disclosure Bulletin, Vol. 32, No. 11, April 1, 1990, pp. 422-426
HV		Jain, N. et al., "Creating speaker-specific phonetic templates with a speaker-independent phonetic recognizer: implications for voice dialing," 1996 IEEE International Conference on Acoustics, Speech, and Signal Processing Conference Proceedings, 1996, Vol. 2, pp. 881-884
HV		Zobel, J. et al., "Phonetic String Matching: Lessons from Information Retrieval," Sigir Forum, Association for Computing Machinery, 1996, pp. 166-172
HV		European Search Report for UK Application GBA 9925561

EXAMINER

Huppen X VO

DATE CONSIDERED

7/15/04

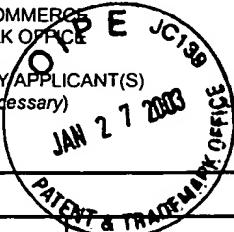
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

ATTY DOCKET NO.

01263.001603

APPLICATION NO.

09/840,886

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

APPLICANT

Jason Peter Andrew Charlesworth et al.

FILING DATE

April 25, 2001

GROUP

2641

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
							RECEIVED
							JAN 28 2003
							Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	International Search Report for Application No. PCT/GB-00/00748	not published
✓	European Search Report for EP-01-30-4243	not published

EXAMINER

Hilfen X Vo

DATE CONSIDERED

7/15/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.